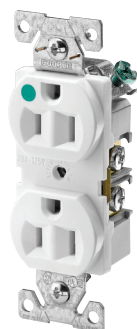


# Hospital grade straight blade duplex receptacles

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



8200



TR8300

**TR**  
TAMPER  
RESISTANT

## Description

2-Pole, 3-Wire Grounding  
15A 125V/AC;  
20A 125V/AC  
NEMA 5-15, 5-20



5-15R



5-20R

## Design features

- Tapered back wiring lead-in slots assist in gathering stranded wires for faster, more secure connections
- Long, broad mounting strap helps reach large panel cutouts for code compliance
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- All terminal and mounting screws triple combination (Slot/Phillips/Robertson) head for maximum installer flexibility
- Screw-Catch feature on duplex devices speeds mounting of wallplates

**Table 1. Hospital Grade Receptacles, Back & Side Wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ 8200__	NEMA 5-15R Duplex Receptacle, Back & Side Wire	15	125	B, GY, RD, V, W
□ 8300__	NEMA 5-20R Duplex Receptacle, Back & Side Wire	20	125	B, GY, LA, RD, V, W

**Table 2. Hospital Grade Tamper Resistant Receptacles, Back & Side Wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ TR8200__	NEMA 5-15R Duplex Receptacle, Back & Side Wire	15	125	GY, RD, V, W
□ TR8300__	NEMA 5-20R Duplex Receptacle, Back & Side Wire	20	125	B, GY, RD, V, W

Compliances, specifications and availability are subject to change without notice.

**EAT•N**

Powering Business Worldwide

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Applications

Arrow Hart's feature-rich line of hospital grade receptacles have been designed to meet and exceed the demanding requirements of UL498 and Federal Specification WC-596G to provide a consistent means of connectivity where downtime can be crucial. Features include high-impact and chemical-resistant faces to withstand abuse and maintain structural integrity plus durable contact designs for long life blade retention. The entire line of hospital grade receptacles fulfill the requirements for long-term reliability, low maintenance and assured performance.

**Table 3. Specifications**

Catalog No.	8200, 8300 Series	TR8200, TR8300 Series
<b>Device Type</b>	<b>Hospital Grade Duplex Receptacles</b>	<b>Tamper Resistant Hospital Grade Duplex Receptacles</b>
<b>Wiring Type</b>	Back & side wire	Back & side wire
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>Listed to UL 498, file no. E15058</li> <li>UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42, file no. 6914 (6233-01)</li> <li>NOM certified</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL 498, file no. E15058</li> <li>UL verified to Federal Spec. WC-596G</li> <li>NOM certified</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 90°C (-4°F to 194°F).	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 90°C (-4°F to 194°F)
<b>Electrical Specifications</b>	<b>Dielectric Voltage:</b> Withstands 2000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	<b>Dielectric Voltage:</b> Withstands 2000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
<b>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> N/A	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> N/A

**Table 4. Materials**

Catalog No.	8200, 8300 Series	TR8200, TR8300 Series
<b>Face</b>	Nylon	Nylon
<b>Base</b>	PVC	PVC
<b>Strap</b>	0.046" thick steel, zinc plated	0.046" thick steel, zinc plated
<b>Auto Ground</b>	Phosphor bronze staple	Phosphor bronze staple
<b>Line Contacts</b>	0.030" thick 3-leaf brass	0.037" thick 3-leaf brass
<b>Ground Contact</b>	Riveted	Riveted
<b>Terminal Screws</b>	#8-32 steel, brass plated, hot neutral screw nickel plated	#8-32 steel, brass plated, hot neutral screw nickel plated
<b>Ground Screw</b>	#8-32 steel, zinc plated (green)	#8-32 steel, zinc plated (green)
<b>Tamper Resistant Shutters</b>	N/A	Reliable Delrin® shutter assembly

**Table 5. Color Ordering Information**

For ordering devices, include Cat. No. followed by the color code: B (Brown), GY (Gray), LA (Lt. Almond), RD (Red), V (Ivory), W (White)

<b>B</b>	<b>GY</b>	<b>LA</b>	<b>RD</b>	<b>V</b>	<b>W</b>
Brown	Gray	Lt. Almond	Red	Ivory	White

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Product Dimensions

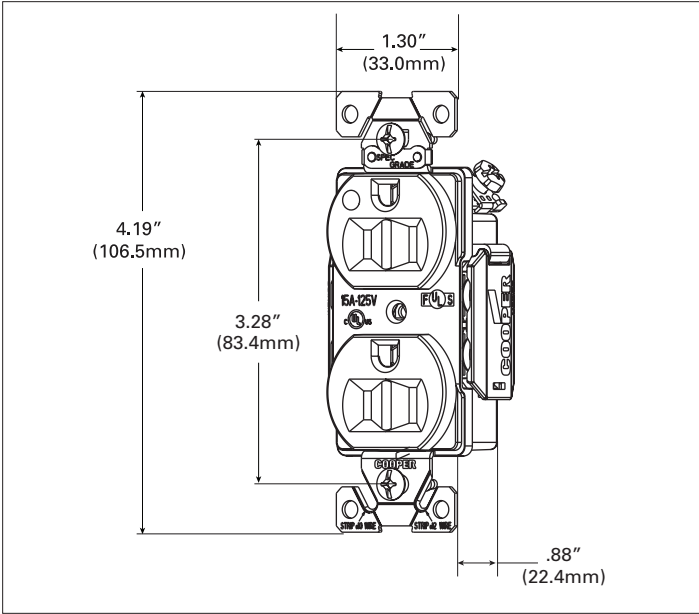


Figure 1. 8200 Line Art with Dimensions

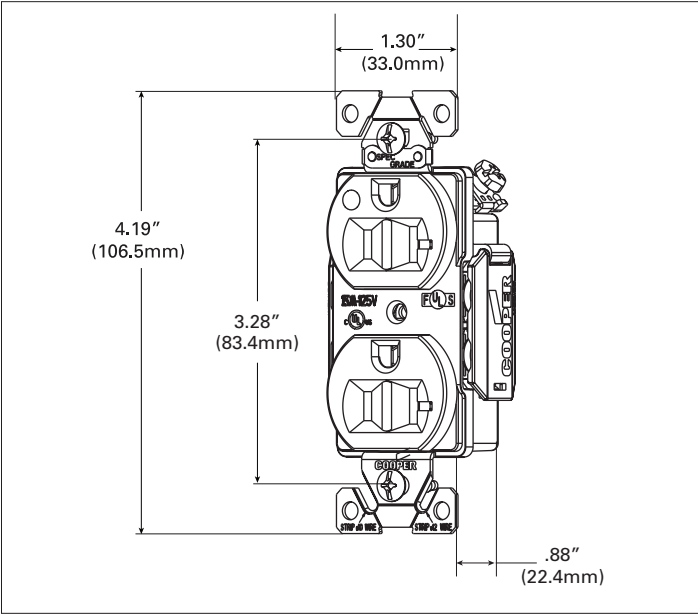


Figure 2. 8300 Line Art with Dimensions

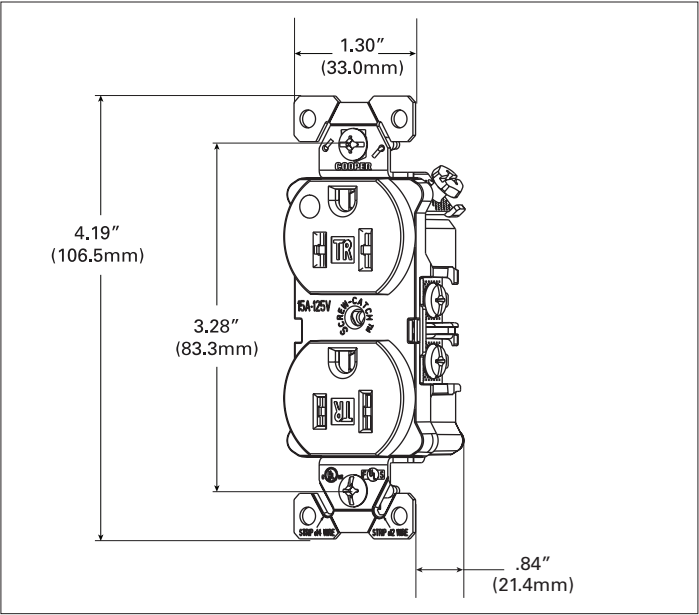


Figure 3. TR8200 Line Art with Dimensions

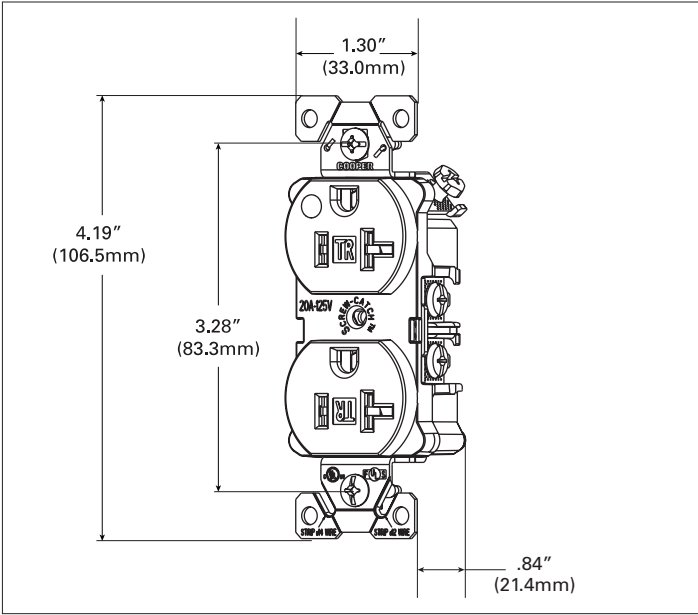











Figure 4. TR8300 Line Art with Dimensions

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Certifications & Compliances

Catalog No.								
8200	.	.	.	.	.	.	.	.
8300	.	.	.	.	.	.	.	.
TR8200	.	.	.	.	.	.	.	.
TR8300	.	.	.	.	.	.	.	.

KEY:  cULus    UL    Fed Spec    CSA  
 NOM    Arrowlink    Build-To-Spec    ROHS

 Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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